					Docket Number (Optional)		Application Number				
				00380376AA	not assigned						
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)					Applicant(s) Y. Kobayashi						
, , , , , , , , , , , , , , , , , , , ,					Filing Date		Group Art Unit				
					concurrently		not a	ssigned			
				U.S. PAT	ENT DOCUMENTS				,		
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	1	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE			
				 	 	IF APPRO	PRIATE				
				<u> </u>		 					
			1	1							
	 		+	 			+				
					·						
						1					
	 		- 	 		 	- 				
	├					 	-	ļ			
			}	.]							
				 		 					
				1		}					
							1.				
						 					
	1					[[
		<u> </u>		FOREIG	N PATENT DOCUMENTS						
	REF DOCUMENT NUMBER DATE		T	COUNTRY	CLASS	SUBCLASS		dation			
. 18/		5 22202	1002	Japan		 		YES	NO		
NY	ВА	5-22293 1993		Japan		ļ		ļ ·			
	 	<u></u>		1		 	1	<u> </u>			
			_}	4		ļ	-}	}			
	1					1		1]		
	 			1				1			
	<u> </u>	<u> </u>				1		L	L		
				OTHER	DOCUMENTS (Including	Author, Title,	Date, Pertinent Po	iges, Etc.)			
					•						
							•				
			•								
			A								
EXAMINE	R	May a	nlier		DATE CONSIDERED		5/30/0.	7			
EVANAIN	D. 1-1-	ini if citation considered, whether	- 	in conferme	nee with MDED Section 600. D	row line the	/		ance and		
not conside	ari IIIII waa te	isi ii citation constuered, whethe	t communication to	a contot (III) Sonniicant	nee with the the Dection 00% to	······································		· ··· comioi ili			

Form PTO-A820 (also form PTO-1449) P09A/REV04

Patent and Trademark Office * U.S. DEPARTMENT OF COMMERCE

					Docket Number (Optional) 00380376AA	^	pplication Number 10/6	49,899	1		
1	INFO!	RMATION DISCLOSUR	E CITATION 4	ARG	Applicant(s)						
		(Use several sheets if neces.	NOV. Q 4 7	ins w	Kobayashi	10	Group Art Unit				
0 104					Filing Date 8-28-03		2182				
U.S. DEFENT DOCUMENTS											
EXAMINER INITIAL	ER REF DOCUMENT NUMBER DATE		NAME		CLASS SUBCLASS		FILING DATE IF APPROPRIATE				
INITIAL								II AITHOI	NA IE		
1											
									İ		
					·······················						
						-					
								<u> </u>			
,			U.S. PATENT	APPLICA	ATION PUBLICATIONS						
•EXAMINER	REF	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS		NG DATE		
INITIAL							 	IF APPRO	PRIATE		
		· .						<u> </u>			
		·									

	<u> </u>	<u></u>	FORE	IGN PATE	ENT DOCUMENTS			<u> </u>			
	<u> </u>	1		1	COUNTRY	CLASS	SUBCLASS	Transi	ation		
	REF	DOCUMENT NUMBER	DATE		COUNTRY	 		YES	NO		
m	1 .	2001-358722	12-26-01	Japan		abstract	only				
mp	2	2002-247042	8-30-02	Japan		abstract	only				
(10)	3	2001-308914	11-2-01	Japan		abstract	only				
all	4	11-32078	2-2-99	Japan		abstract	only .		1		
4	ļ								1		
<u> </u>	<u> </u>		OTHER I	DOCUME	NTS (Including Author	r, Title, Date, l	Pertinent Pages, E	itc.)			
	<u> </u>	Japanese Office Action			with English translation of	pertinent po	ortions				
M	'	1									
ļ							· · · · · · · · · · · · · · · · · · ·				
			Л			·					
EXAMINE	ER	Man a 1	bein		DATE CONSIDERED	てん	0/07				
		tial if citation considered, which			once with MDFD Section 600.			ot in conform	ance and		
EXAMINI not consid	ER: Ini ered. l	tial if citation considered, wheth nclude copy of this form with n	ext communication to	applicant.	ance with this Est Section 607;	wian inc tale					

Form PTO-A820 (also form PTO-1449)

OIPE				Docket Number (Optional)			Application Number					
					00380367AA 10/649,899 Applicant(s)							
		(Use several sheets if necess)	1	8 3	Kobayashi							
· · · · · · · · · · · · · · · · · · ·				1	Filing Date			Group Art Unit				
L L						3-28-03		2	182			
			PADEMARKS	PATENT	DOCUMENTS	•						
EXAMINER	REP	DOCUMENT NUMBER	DATE		NAME		CLASS	SUBCLASS	FILING I			
									IF APPROI	PRIATE		
			1	<u> </u>								
		•										
								,		,		
				<u> </u>								
	<u>. </u>		II C DATENT	C A DDI IC	ATION PUBLICA	TIONS						
•EXAMINER	Γ	·	U.S. TATEIV	l All Ele	ATTONTOBLICA	TIONS						
INITIAL	RÉP	DOCUMENT NUMBER	DATE		NAME		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE			
										•		
			1									
	·				·····	-			<i>r</i>			
						_						
·								,				
	FOREIGN PATENT DOCUMENTS											
	REP			<u> </u>	COUNTRY		CLASS	SUBCLASS	Transla	ation		
1.0	NET-	DOCUMENT NUMBER		<u> </u>	COUNTRY		CLASS	30000033	YES	NO		
M	1	11-32078	2-2-99	Japan								
N	2	11-331249	11-30-99	Japan						✓		
<u> </u>												
	-				<u></u> .	 			 			
	<u> </u>	I	OTHER I	OCUME	NTS (Inclu	ding Author.	Title, Date,	Pertinent Pages, Et	·c.)			
	—Т	Japanese Office Action										
300)	1	٠							,		
120°												
	·											
		•							•			
												
EXAMINE	R	May u.	nller	1	DATE CONSID	ERED	5/3	1/07				
EYAMINE	'D - 1-:-	ial if citation considered, whether	- (\' /	CORFORMS	nce with MDFD S	ection 600. D		//	in conforms	nce and		
		ist if citation considered, whether iclude copy of this form with next			nce aim hit et. St	507, D	aw Hile Hill	AGE CHANON II NO	comornia	cc and		
L												

Form PTO-A820 (also form PTO-1449)

INFORMATION DISCLOSURE CONTINUES (Use several sheets if necessary)					Docket Number (Optional) 00380367AA	·	Application Number 10/649,899			
					Applicant(s) Kobayashi					
(Use several sheets if necessary)			87 17 7116	SOFFICE	Filing Date		Group Art Unit			
•			<u> </u>	Ø.	8-28-03		2	182		
			V.S	ATENT	DOCUMENTS					
•EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
YU	ı	6,449,251	9-10-02	Awadal	lah et al.			4-2-99		
<u> </u>										
								-		
			-							
	<u> </u>	<u> </u>	U.S. PATENT	C APPLICA	ATION PUBLICATIONS			 _		
•EXAMINER	REP	DOCUMENT NUMBER	DATE		NAME	CLASS	20RCFV22		FILING DATE IF APPROPRIATE	
					· · · · · · · · · · · · · · · · · · ·					
		1	FORE	IGN PATE	NT DOCUMENTS					
	REP DOCUMENT NUMBER DATE				COUNTRY	CLASS	SUBCLASS		lation	
							-	YES NO		
M	WO 01/19040 3-15-01		PCT			-		\		
			 			<u> </u>				
				}			_			
			<u> </u>							
					333333					
	·		OTHER I	OCUMEN	ITS (Including Author,	Title, Date, F	Pertinent Pages, E	(c.)		
		European Search Repor	rt dated June 19,	2006						
1										
EXAMINE	ER \	Varia 11	ian		DATE CONSIDERED	5/3	0/07			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.										

Form PTO-A820 (also form PTO-1449) P09A/REV05

Patent and Trademark Office * U.S. DEPARTMENT OF COMMERCE